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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Thilaka Sumanaweera et al.

Appl. No.: 10/644,363

Filed: August 20, 2003

COMPUTING SPATIAL DERIVATIVES For:

FOR MEDICAL DIAGNOSTIC

IMAGING METHODS AND SYSTEMS

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SECOND RESPONSE

Dear Sir:

In response to the Office Action dated March 8, 2005, please consider the following remarks: